SYNTHESIZER TYPE 100F

KEYBOARD (37 Key C~C)

BACK PANEL — IN, UPPER OUT, LOWER OUT

VCO — μA726HC, 2SC1583, log⁻¹ Convert (f₀ ∝ I_B ∝ ℓn⁻¹ V_B)

NOISE GEN — BACK PANEL AUDIO INPUT, NOISE ADJ, AUDIO, NOISE

SAMPLE and HOLD — for Adjusting Resistor

PORTAMENTO — PORTA MODE, K CV ADJ, KEY C₁=0V C₂=3.895V

μPC741C

RANGE SLOPE ADJ — RANGE LOW, TUNE

DELAY VIB — 50K(A)

CUTOFF — 82K 1%, 50K(B) +10V

LFO — LFO FREQ (.003~50Hz), 50K(A) 68K, 330K, 3.3M, 1.2K, -15V

LFO — 82K, 50K(B)

ENV — 560K, 50K(A)

ENV I — 100K, 50K(A)

TRIGGER — KYBD, LFO

Filter ADJ — 50K 47K 1%, TUNE ADJ, 82K, 50K(A), EXP

VCF — 2SC1583, PEAK

KEY SLOPE ADJ

KEY ON OFF

ENV I — ATTACK, DECAY

ADSR — SAME AS ABOVE, ATTACK (4mS~4.5S), DECAY (6mS~6S), ENV II

Voltage ADJ — μPC141C, 2SD313E, 2SB511D, MI-152, MI-152R, TSE155D, 0.5A, 0.2A, 120mA, 22V CT 22V, AC, POWER SWITCH, PILOT LIGHT

P.C.B SYN-11

HPF — 2SC1583, CUTOFF

VCA — GAIN, VOLUME, EXP, ENV II

EXP DINAMIC LANGE (34dB)

BACK PANEL — EXP PEDAL, LOW OUT, HIGH OUT

1S2473VE 2SC536G 2SA564R 2SK440 μPC1458C

(SPECIFIED OTHERWISE)